Title (en)

Monitoring system for cell culture

Title (de)

System zur Überwachung von Zellkulturen

Title (fr)

Système de surveillance pour culture cellulaire

Publication

EP 2484750 A1 20120808 (EN)

Application

EP 11153590 A 20110207

Priority

EP 11153590 A 20110207

Abstract (en)

Cell culture environment monitoring system (6) for monitoring parameters relevant to cell growth in at least one culture dish (4) containing a cell growth medium (14), including at least one sensing device (22, 22') configured to measure environmental parameters relevant to cell growth, and a tray (24) supporting said at least one culture dish. The sensing device is configured for mounting inside said culture dish at least partially within said cell growth medium, and comprises an RFID transponder (34). The tray (24) comprises an RFID base station (44) configured to interrogate the RFID transponder to obtain measurements of said parameters relevant to cell growth.

IPC 8 full level

C12M 1/34 (2006.01)

CPC (source: EP KR US)

C12M 1/34 (2013.01 - KR); **C12M 3/00** (2013.01 - KR); **C12M 41/00** (2013.01 - US); **C12M 41/14** (2013.01 - EP US); **C12M 41/48** (2013.01 - EP US); **G06K 7/10366** (2013.01 - US)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2484750 A1 20120808; CN 103347996 A 20131009; CN 103347996 B 20160406; EP 2673352 A1 20131218; KR 20140020891 A 20140219; SG 192264 A1 20130930; US 2013316442 A1 20131128; WO 2012107872 A1 20120816

DOCDB simple family (application)

EP 11153590 A 20110207; CN 201280007995 A 20120206; EP 12704330 A 20120206; IB 2012050534 W 20120206; KR 20137022836 A 20120206; SG 2013058714 A 20120206; US 201213983556 A 20120206